|          | Index of Claims |             |          |          |          |           |           |          |          |          |         |              | Application No. |                       |          |                 |          |           |              |          |                   |          |            | Applicant(s)    |          |          |  |              |                   |                 |   |
|----------|-----------------|-------------|----------|----------|----------|-----------|-----------|----------|----------|----------|---------|--------------|-----------------|-----------------------|----------|-----------------|----------|-----------|--------------|----------|-------------------|----------|------------|-----------------|----------|----------|--|--------------|-------------------|-----------------|---|
|          |                 |             |          |          |          |           |           |          |          | M        |         |              |                 |                       |          | 10              | )/08     | 8,        | 26           | 4        |                   |          |            |                 | TA       | ١KE      | ΗA   | \SH          | II ET             | ΓAL.            |   |
|          |                 |             | Ш        | Ш        |          |           |           |          |          | Ш        |         |              |                 |                       | Ì        |                 | am       |           |              |          |                   |          |            |                 |          | t Uı     |  |              |                   | Π               |   |
|          |                 |             | Ш        | Ш        |          |           |           |          |          |          |         |              |                 |                       |          |                 | _        |           |              |          |                   |          |            |                 |          |          |  |              |                   | 1               |   |
|          | 118811          | 11 11 01    |          |          |          |           |           |          | # 1111   | B) W) (  | 1881    |              |                 |                       |          | W               | . D      | av        | id           | Cole     | eman              |          |            |                 | 28       | 23       |  |              |                   | <u> </u>        |   |
|          |                 |             | _        |          |          |           | ٦         |          |          |          |         |              |                 |                       |          | _               | _        | _         |              |          |                   |          | 1          | $\overline{}$   |          |          |  |              | _                 |                 |   |
|          |                 | <b>√</b>    | R        | eie      | ecte     | ed        |           |          | _        |          | (TI     | hrou         | igh n           | um                    | era      | al)             |          | ١.        |              | Non      | -Elec             | ted      |            |                 |          | Αp       | pea  | al           |                   |                 |   |
|          |                 | Ĺ           |          | -,-      |          |           |           |          |          |          |         | Ca           | ance            | llec                  | <u> </u> |                 | _        | <u>ַ</u>  | N            |          |                   |          |            | A               |          |          | <u>.                                    </u> |              | _                 |                 |   |
|          |                 | =           | 4        | Ma       | we       | he        |           |          | ÷        |          |         | Re           | stric           | -tor                  | 4        |                 |          |           | ı            | Inte     | rfere             | ace.     |            |                 |          | Obj      | ect  | ha           |                   |                 |   |
|          |                 |             |          | ****     |          | ,,,       | J         |          | Ĺ        |          |         |              | 30110           | ,,,,,,                |          |                 |          | L         |              |          |                   |          |            |                 |          | <u> </u> |  |              |                   |                 |   |
|          |                 |             |          |          |          |           |           |          |          |          | l:.:.:l |              |                 |                       |          |                 |          |           |              |          | ::::              |          |            | _               |          |          |  |              |                   | 1               |   |
| CI       | laim_           | $\vdash$    |          | ·<br>    | Т        | Dat       | ie<br>T   | 1        |          |          |         | Cla          | aim<br>I        | Н                     |          | $\neg$          |          | ate<br>T  | Т            | <u> </u> |                   | <u> </u> | aim_       | $\vdash$        |          |          | Dat  | ie           | П                 | $\dashv$        |   |
| ā        | Original        | 3/10/04     |          |          |          |           |           |          |          |          |         | Final        | Original        | 3/10/04               |          |                 |          |           |              |          |                   | Final    | Original   |                 | 1        |          |  |              |                   |                 |   |
| Final    | J. gi           | 3/10        |          |          | İ        |           |           |          |          |          |         | ᄩ            | je              | 37                    |          |                 | 1        |           |              |          |                   | 造        | Orig       |                 |          |          |  |              |                   |                 |   |
|          | ₩.              | <u> </u>    | _        | _        | ↓_       | ↓_        | <u> </u>  | _        | Щ        |          |         |              | <u> </u>        |                       | _        | 4               | _        | 4         | 4            | 4        | Ш                 |          |            | Ш               | 4        |          | $\bot$                                       | ↓_           | $\sqcup$          | 44              |   |
|          | 1 2             | n           | _        | -        | ╀        | ╂         | +-        | ├-       | $\vdash$ | _        |         |              | 51<br>52        | •                     | 0        |                 |          | +         | +            |          |                   | <u> </u> | 101<br>102 | $\vdash$        | +        | +        | ╁  | $\vdash$     | $\vdash$          | $\dashv \dashv$ |   |
| $\vdash$ | 3               | ╁┋╌         | -        | $\vdash$ | $\vdash$ | ╁         | +-        | +-       | Н        | -        |         |              | 53              | 1                     |          | $\dashv$        | $\dashv$ | +         | +            | +        | H                 |          | 103        | $\vdash$        | $\dashv$ | +        | t  | T            | $\vdash \vdash$   | 卄丨              |   |
|          | 4               |             |          |          |          | I         | I         |          |          |          |         |              | 54              | V                     |          |                 | 土        | $\perp$   |              |          |                   |          | 104        |                 | 士        |          | L  |              |                   |                 |   |
|          | 5               |             |          |          |          | Γ         |           |          |          |          |         | <u> </u>     | 55              |                       |          | $\Box$          | $\Box$   | Ţ         | J            |          |                   |          | 105        | Щ               | $\Box$   | $\perp$  | 1  | $oxed{\Box}$ | $\prod$           |                 |   |
|          | 6               | 1           | _        | $\vdash$ | $\perp$  | L         | $\vdash$  | ╄        | $\vdash$ |          |         | _            | 56              | Н                     | $\dashv$ | $\dashv$        | - -      | +         | 4            |          | <b></b>           | <u> </u> | 106<br>107 | $\vdash$        | 4        | +        | +-   |              | $\vdash$          |                 |   |
|          | 8               |             | _        | $\vdash$ | ╁        | ╁         | +         | ╁        | $\vdash$ |          |         |              | 57<br>58        | $\vdash$              | Н        | $\dashv$        | $\dashv$ | +         | +            | +-       | +                 | -        | 107        | $\vdash$        | +        | +-       | +  | +-           | $\vdash$          | $\dashv$        |   |
|          | 9               | 1           | $\vdash$ | $\vdash$ | 十        | +         | $\dagger$ | $\vdash$ |          |          |         |              | 59              | Н                     | H        | $\dashv$        | 十        | +         | $\dagger$    | _        | H                 |          | 109        | $\Box$          | $\top$   | _ _      | ┱  |              |                   |                 |   |
|          | 10              |             |          | Г        |          |           |           |          |          |          |         |              | 60              |                       |          |                 |          |           | 丁            |          |                   |          | 110        |                 |          |          |  |              |                   |                 |   |
|          | 11              |             |          | L        |          |           |           |          |          |          |         |              | 61              |                       |          | $\perp$         | 4        | 1         | 4            | _ _      |                   |          | 111        |                 | $\perp$  | $\bot$   | +-   | <u> </u>     | <del>     </del>  |                 |   |
|          | 12              | 1           | <u> </u> | ┡        | ╁        | +         | 1         | ╁        | ┢╌       | _        |         | <b></b>      | 62<br>63        | 1                     |          | -               | -        | +         | +            | +        | <del> </del>  ::: | <u> </u> | 112<br>113 | $\vdash$        | +        |          | ╁  | +-           |                   |                 |   |
|          | 14              | ╂           | -        | ┝        | ╁        | +-        | ╁╌        | ╁        | 1        |          |         |              | 64              | $\vdash$              | Н        | $\dashv$        | ╁        | +         | +            | +        | +                 |          | 114        |                 | -        |          | ╁  | +-           | $\vdash$          | $\dashv\dashv$  |   |
|          | 15              |             |          | H        | T        | $\top$    | †         | 1        |          |          |         | <u> </u>     | 65              | T                     |          | _ <u>_</u>      | +        | T         | 1            |          |                   |          | 115        |                 |          |          | $\top$                                       | $\perp$      |                   |                 |   |
|          | 16              |             |          |          |          |           |           |          |          |          |         |              | 66              |                       |          |                 |          | 1         | ightharpoons |          |                   |          | 116        |                 | $\Box$   |          | $\perp$                                      |              |                   |                 |   |
| -        | 17              | 1           | _        | _        | $\perp$  | 1         | 4_        | 1        | .        | _        |         | <u> </u>     | 67              |                       |          | _               | _        | +         | 4            |          |                   | <u> </u> | 117        | Н               | -        | +        | +  | ╀            |                   | +               |   |
|          | 18<br>19        |             | -        | $\vdash$ | ╁        | ╁         | +         | ╁        | -        | H        |         |              | 68<br>69        | -                     |          | $\dashv$        | $\dashv$ | +         | $\dashv$     |          | ++                | -        | 118<br>119 | $\vdash$        | -+       | +        | ╫  | +-           | ++                |                 |   |
| 1        | 20              |             | $\vdash$ | $\vdash$ | +        | $\dagger$ | +         | H        | $\vdash$ | -        |         |              | 70              |                       |          | 寸               | +        | $\dagger$ | $\dashv$     | $\dashv$ | $\square$         |          | 120        | $\Box$          |          | ╅        | 1  | 1            |                   | +               |   |
|          | 21              |             |          |          |          |           |           |          |          |          |         |              | 71              |                       |          |                 |          |           | $\Box$       |          |                   |          | 121        | П               |          | $\perp$  | $\perp$                                      | $\perp$      |                   | Ш               |   |
|          | 22              | 1           | _        | _        | _        | ↓_        | $\perp$   |          | <u> </u> | <u> </u> |         |              | 72              |                       |          | _               | 4        | +         | 4            |          | Щ                 | <u> </u> | 122        | Н               |          | - -      | +-   | +-           | ┝╌┞╴              |                 |   |
| -        | 23              | n           | $\vdash$ | ╀        | ╁╌       | ╁         | ╁         | ╁        | ╁        | H        |         | ├—           | 73<br>74        | H                     | H        | $\dashv$        | $\dashv$ | ╁         | $\dashv$     |          | H                 |          | 123<br>124 | -               | -+       | ╁        | +  | +            | $\vdash$          | $\dashv \dashv$ |   |
| -        | 25              | 20          | -        | H        | ╁┈       | +         | +         |          | 1-       | -        |         | <del></del>  | 75              | H                     |          |                 | 1        | Ť         | $\dashv$     | $\dashv$ | H                 | -        | 125        | $\vdash$        | $\dashv$ | 十        | $\top$                                       | T            |                   | $\dashv \dashv$ |   |
|          | 26              |             |          |          |          |           |           |          |          |          |         |              | 76              |                       |          |                 |          |           |              |          |                   |          | 126        |                 |          |          |  |              |                   |                 |   |
|          | 27              |             |          | L        | _        | L         | -         | L        | _        | _        |         | <u> </u>     | 77              | _                     | $\vdash$ | _               | +        | 4         | $\dashv$     |          | $\sqcup$          | <u> </u> | 127        | $\vdash \vdash$ | $\dashv$ | +        | +  | +-           | $\vdash$          | +               |   |
| <u> </u> | 28<br>29        | 7           | -        | ╀        | ╀        | +-        | +         | $\vdash$ | +        | $\vdash$ |         | <u> </u>     | 78<br>79        |                       | $\vdash$ | $\dashv$        | +        | +         | +            | +        | H                 | $\vdash$ | 128<br>129 | $\vdash$        | +        | +        | +  | +            | $\vdash$          | +               |   |
|          | 30              | -           | $\vdash$ | $\vdash$ | +        | +         | +         | +-       | +        | -        |         | <u> </u>     | 80              | $\vdash$              |          | $\dashv$        | +        | +         | +            | $\dashv$ | H                 |          | 130        | $\vdash$        | $\dashv$ | +        | +  |              | $\vdash$          | _               |   |
|          | 31              | -           |          |          |          |           | I         |          |          |          |         |              | 81              |                       |          |                 |          | $\perp$   |              |          |                   |          | 131        | П               |          |          | T  |              | П                 | $\Box$          |   |
|          | 32              | ~           |          | $\Box$   | L        | Ļ         | $\perp$   | L        | _        |          |         |              | 82              | $oxedsymbol{\square}$ |          |                 |          | 4         | $\dashv$     |          | $\square$         |          | 132        | Н               |          | $\perp$  | +  | <del> </del> | $\vdash \vdash$   |                 |   |
| -        | 33<br>34        | ~           |          | -        | +        | +         | +         | ╀        | +-       | -        |         | $\vdash$     | 83<br>84        | -                     | $\vdash$ | $\vdash \vdash$ | +        | +         | $\dashv$     | +        | +                 |          | 133<br>134 | $\vdash$        | +        | +        | +-   | +            | +-+               | +               |   |
|          | 35              | n<br>A      | -        | $\vdash$ | +        | +         | +         | ╁        | +        | $\vdash$ |         |              | 85              | <del> </del>          | $\vdash$ | -               | +        | +         | +            | +        | +                 | _        | 135        | $\vdash$        | $\dashv$ | +        | +  | +            | $\vdash$          | +               |   |
|          | 36              | 1           |          | T        | T        | 1         | T         | T        | 丁        |          |         |              | 86              |                       |          |                 |          | 士         |              |          |                   |          | 136        |                 |          | 上        | 士  |              | 口                 |                 |   |
|          | 37              | $\parallel$ |          |          | $\Box$   | L         |           | L        |          |          |         |              | 87              | 匚                     |          | $\Box$          | 工        | $\perp$   | Ţ            |          | $\Box$            |          | 137        |                 | 4        | $\perp$  | 1  | $\bot$       | $\coprod$         | $\bot$          |   |
| <u> </u> | 38              | ₩           | -        | ╀        | +        | +         | +         | +        | -        | _        |         |              | 88<br>89        | $\vdash$              | <u> </u> | $\vdash$        | -        | +         | $\dashv$     | $\dashv$ |                   |          | 138<br>139 | $\vdash$        | -        | +        | +  | +            | ╁                 | +               |   |
| -        | 39<br>40        | ₩           | $\vdash$ | ╁        | +        | ╁         | ╁         | ╁        | +        | $\vdash$ |         | <del> </del> | 90              | $\vdash$              | -        | $\dashv$        | $\dashv$ | +         | +            | +        | +                 | -        | 140        | $\vdash$        | ᆉ        | +        | +  | +-           | $\vdash$          | $\dashv \dashv$ |   |
|          | 41              | #           | 1        | +        | 1        | $\dagger$ | $\dagger$ | $\top$   | +        | -        |         | <u> </u>     | 91              | t                     | 1        | H               | $\top$   | +         | +            | +        |                   |          | 141        |                 | 寸        |          | 士  | $\perp$      |                   |                 |   |
|          | 42              | П           |          |          |          |           | I         |          | 上        |          |         |              | 92              |                       |          |                 | $\Box$   | $\Box$    | $\Box$       | 1        |                   |          | 142        |                 | $\Box$   | $\perp$  | $\bot$                                       |              | П                 | $\Box$          |   |
|          | 43              | 1           | L        | Ĺ        | <u> </u> | $\perp$   | $\perp$   | $\perp$  | $\perp$  | L        |         |              | 93              | <del> </del>          | _        | $\square$       | _        | +         | $\dashv$     | _        | +                 | _        | 143        | $\vdash$        | $\dashv$ | _        | +  | +            | $\vdash \vdash$   | $\dashv\dashv$  |   |
| -        | 44              | H           | -        | $\vdash$ | +        | ╁         | +         | ╀        | +        | -        |         |              | 94<br>95        | $\vdash$              | -        | $\vdash \vdash$ | $\dashv$ | +         | $\dashv$     | $\dashv$ | +                 | -        | 144<br>145 | +-              | $\dashv$ | +        | +  | +            | ++                | $\dashv$        |   |
| -        | 46              | H           | $\vdash$ | $\vdash$ | +-       | +         | +         | +        | +        | $\vdash$ |         | $\vdash$     | 96              | ╁╌                    | H        | $\vdash$        | -        | +         | +            | +        | H                 | -        | 146        |                 | $\dashv$ | $\dashv$ | +  | +            | $\dagger \dagger$ | $\dashv\dashv$  |   |
|          | 47              |             | $\Box$   |          | T        | $\perp$   |           | T        |          |          | ]:::    |              | 97              |                       |          |                 | 止        | 丁         | コ            |          |                   |          | 147        |                 |          | 工        | I  |              | $\Box$            |                 | ] |
|          | 48              | II          | П        | $\Box$   | Γ        | Γ         | Γ         | $\Box$   |          |          |         |              | 98              | $\perp$               | $\Box$   | П               | $\bot$   | $\bot$    | $\dashv$     | 1        | $\square$         |          | 148        |                 | $\Box$   | $\bot$   |  | 1            | $\prod$           | 44              |   |
| <u></u>  | 49              | 1.          | $\vdash$ | ┼-       | +        | +         | +         | $\vdash$ | +-       | ⊢        |         |              | 99              | -                     | <u> </u> | Н               | -        | 4         | 4            | -        | H                 | <u> </u> | 149        |                 | $\dashv$ | +        | +  | +-           | ╁┼                | $\dashv\dashv$  |   |
|          |                 |             |          |          |          |           |           |          |          |          |         |              |                 |                       |          |                 |          |           |              |          |                   |          |            |                 |          |          |  |              |                   |                 |   |

Application No.

Applicant(s)